

CONFIDENTIAL

25X1

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ORIG COMP	35	OPI	56	TYPE	06
ORIG CLASS	5	PAGES	6	REV CLASS	8
JUST	22	NEXT REV	20	AUTH	HR 70-2

February 5, 1960

25X1

Subject: Program Extension

Reference: Contract RD-107
Task Order No. 10

25X1

Dear Sir:

A thorough evaluation of this program indicates that some additional time and effort will be required in order to attain our objectives.

At the time when the proposal for this program was submitted, it was anticipated by both [redacted] and the Government that the specification calling for a 10 watt output level using transistors could not be met with transistors available at that time. It was anticipated that during the course of the program, the semi-conductor art would advance to the point where a transistor with such an output would be available.

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As the program progressed, no appreciable advance in the state of the semi-conductor art was realized. With the delivery date approaching, it has been necessary to settle for an output power level of approximately 1 watt rather than the 10 watts originally specified. Because of this reduction in power output by an order of magnitude, it has become apparent that additional amplifiers in our antenna impedance sensing circuitry must be designed to obtain sufficient power to drive the servo system. The design and building of these amplifiers and the non availability of a suitable output transistor has resulted in considerable additional engineering effort directed towards developing the unconventional circuitry, permitting the output of several transistors to be successfully combined over the 3-30 megacycle range.

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CONFIDENTIAL

February 5, 1960

In the interest of continuing the effort and furthering the results thus far obtained, it is essential that this task order be extended in time until May 31, 1960, at an additional selling price, estimated on a CPFF basis, of \$3,663. It is to be noted that no additional fee is requested. Attached Exhibit "A" provides a cost breakdown.

It is requested that a clause be incorporated in the Contract Amendment to provide authorization for incurring costs subsequent to February 27th which is the time expiration date for the present task order. If preparation of the contractual document is to be subsequent to the February 27th date, a letter authorization from the Contracting Officer for the continuance of the program after February 27th is requested. Uninterrupted pursuit of effort because of experienced personnel involved is essential, both from the standpoint of performance and economics.

If there are any questions or if we can be of further help, please do not hesitate to contact the undersigned.

Very truly yours,

Contract Administration

HAP/sak

Enclosure - Exhibit "A"

CC: Mr. D.

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February 5, 1960

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Subject: Program Extension

Reference:

Transmitter

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Dear Sir:

A thorough evaluation of this program indicates that some additional time and effort will be required in order to attain our objectives.

At the time when the proposal for this program was submitted, it was anticipated by both [redacted] and the Government that the specification calling 25X1 for a 10 watt output level using transistors could not be met with transistors available at that time. It was anticipated that during the course of the program, the semiconductor art would advance to the point where a transistor with such an output would be available..

As the program progressed, no appreciable advance in the state of the semiconductor art was realized. With the delivery date approaching, it has been necessary to settle for an output power level of approximately 1 watt rather than the 10 watts originally specified. Because of this reduction in power output by an order of magnitude, it has become apparent that additional amplifiers in our antenna impedance sensing circuitry must be designed to obtain sufficient power to drive the servo system. The design and building of these amplifiers and the non-availability of a suitable output transistor has resulted in considerable additional engineering effort directed towards developing the unconventional circuitry, permitting the output of several transistors to be successfully combined over the 3-30 megacycle range.

In the interest of continuing the effort and furthering the results thus far obtained, it is essential that this task order be extended in time until May 31, 1960 at an additional selling price, estimated on a CPFF basis, of \$3,663. It is to be noted that no additional fee is requested. Attached Exhibit "A" provides a cost breakdown.

Contracting Officer


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February 5, 1960

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If there are any questions or if we can be of further help, please do not hesitate to contact the undersigned.

Very truly yours,


Contract Administration

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HAP/sak
Enclosure - Exhibit "A"

CC: 

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